

REMARKS

Applicants respectfully request reconsideration of this application as amended. Claims 1-38 are pending in the application. Claims 2, 3, 10 and 36 have been amended. No claims have been added. No claims have been canceled.

Claims 10 and 36 have been rejected under 35 U.S.C. 112 second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. Applicant has amended Claims 10 and 36, and respectfully submits that the rejection has been overcome.

Claims 1-9, 13-28, 29(c), 30-36, and 38 are rejected under 35 U.S.C. 102(e) as being anticipated by Guedalia (U.S. Patent No. 6,535,878). Applicant respectfully disagrees. Claim 1 sets forth the following:

A client comprising:

a memory having an application and a data structure stored therein,

wherein the data structure identifies positions of the compressed codestream on a server and identifies data of the compressed codestream already buffered at the client, if any;

a processor coupled to the memory to execute the application to generate a request for portions of the compressed codestream based on indications of which portions of the codestream are already stored in the memory as indicated by the data structure.

Thus, claim 1 requires that a processor execute an application program to generate a request for portions of the compressed code stream based on indications of which portions of the code stream are already restored in the memory as indicated by the data structure. Applicants respectfully submit that Guedalia does not disclose such a feature.

More specifically, Guedalia discloses the use of a FlashPix image server to serve image data to clients. The operations performed by the FlashPix image server are set forth from the bottom of column 6, lines 62 through column 7, line 35. The Examiner cites column 8, lines 26-33 as well column 7, lines 1-35 as disclosing the limitations of claim 1. However, these sections do not describe a client using a data structure to determine which portions of a codestream it does not have and then generating a request for those portions. The portions of Guedalia set forth by the Examiner only show a server that sends a portion image data based on that which is requested by the client. However, Guedalia does not set forth that the client actually makes a determination of what portions of the image data that it already has and then requests those portions that it does not from an image server. In fact, it is clear from the FlashPix image process set forth from column 6, lines 62 through column 7, line 35 that the client does not do this analysis. Specifically, at column 7, lines 1-35, the image server in Guedalia not only takes tiles of a compressed data from storage but also decompresses those tiles and stitches those tiles together to form a continuous image. Thereafter, it recompresses the image into the requested format and transmits it to the client. If the client had data to add to this image data, the image server in Guedalia wouldn't have stitched together the image data it had without including that at the client. In fact, the image server couldn't really create an image if that image data was going to be combined later with image data from the client to create an image. In view of this, Applicant respectfully submits that the present invention as claimed is not anticipated by Guedalia.

Claim 2 as amended sets forth the following:

The client defined in Claim 1 wherein the processor, prior to decoding, integrates previously obtained portions of the compressed codestream with portions of the compressed codestream received as a result of the request

to create a new codestream by putting packets in the order the packets appeared in the compressed codestream and by updating codestream markers to reflect that the previously obtained portions of the compressed codestream and the portions of the compressed codestream received as a result of the request are part of the new codestream.

Thus, claim 2 requires creating a code stream by putting packets in the order the packets appeared in the compressed code stream and by updating code stream markers to reflect that the previously obtained portions of the compressed code stream and the portions of the compressed code stream received as a result of the request are part of the new code stream. Such a feature is clearly not disclosed in Guedalia. There is no discussion of manipulating markers and reorder previously obtain portions of a compressed code stream with portions of the compressed code stream received in response to a request. In view of this, Applicant respectfully submits that the present invention as claimed in claim 2 is not anticipated by Guedalia.

With respect to Claims 3, 14 and 22, the same arguments set forth above are applicable to these claims. Therefore, in view of the above, Applicant respectfully submits that Claims 3, 14 and 22 are not anticipated by Guedalia.

With respect to Claim 29, Applicant respectfully submits that the claim is not disclosed in Guedalia. Applicant respectfully submits that it is unclear of the rejection made by the Examiner as there is no Claim 29(c); however the Examiner points to Claim 29(a) and 29(b) as being rejected under 35 U.S.C. §102(e) as being anticipated by Fukuhara. Applicant respectfully submits that the present invention in Claim 29 is not disclosed in either of Guedalia or Fukuhara. With respect to Guedalia, there is no disclosure of receiving a code stream for a JPEG 2000 image, converting requested information to JPEG DCT compression, and then sending that converted information using IIP. In view of this, Applicant respectfully submits that Claim 29 is

not anticipated by Guedalia. With respect to Fukuhara, as indicated by the Examiner, Fukuhara does not disclose sending converted requested information using IIP. In view of this, Applicant respectfully submits that the present invention as claimed in Claim 29 is not anticipated by Fukuhara.

With respect to Claim 30, the claim sets forth parsing a code stream of compressed data to locate packets that include packets for a requested tile at a resolution less than or equal to the resolution requested and all layers. Applicant respectfully submits that this is not shown in Guedalia. The Examiner points to column 5, lines 34-67 to show this. However, a review of that section does not disclose anything about requested tiles and all layers. In view of this, Applicant respectfully submits the present invention as claimed in Claim 30 is not anticipated by Guedalia.

With respect to Claim 34, the claim requires the server providing information to enable a client to determine image size and a maximum number of resolutions. Guedalia does not set forth the server providing information to enable the client to determine image size and a maximum number of resolutions. In view of this, Applicant respectfully submits the present invention as claimed in Claim 34 is not anticipated by Guedalia.

Claims 10-13 and 37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Guedalia in view of Fukuhara et al. (U.S. PG Pub. No. 2001/0028404). As set forth above, neither Guedalia, nor Fukuhara disclose. Since the combination of Guedalia and Fukuhara do not disclose all elements of the claims, the present invention as claimed in Claims 10-13 and 37 is not obvious in view of the combination of Guedalia and Fukuhara.

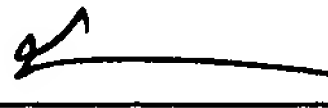
Accordingly, Applicants respectfully submit that the rejections under 35 U.S.C. § 112, § 102 and §103 have been overcome by the amendments and the remarks and withdrawal of these rejections is respectfully requested. Applicants submit that Claims 1-38, as amended, are now in condition for allowance and such action is earnestly solicited.

Please charge any shortages and credit any overcharges to our Deposit Account No. 02-2666.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 21, 2005.



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